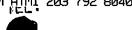
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	I hereby in an env	certify that this elope addressed	mailed under the p EI397359	ioner for Paten rovisions of 37 256US	ts, Washin	gton, D.0	rvice as Express Mail C., 20231 and Express	1 U.S. 7
Express Mail Label No. Candi L. Riggs							51	
			120	Napare (ا ک
			Canac	Signature (730)			
				23, 1998				
	<u> </u>			Date				
TO THE	COMMISSI	ONER OF PA	TENTS AND TRAD	DEMARKS:			•	
Transmitte	ed herewith	for filing is the	patent application of:					
Applicant			i and Thomas H. B					
Title:					POSITION	OF TA	ANTALUM NITRIDE	ON A
TILLE.		STRATE"	MBE TRECORSO.					
Filing Dat	re: Jan	uary 23, 1998	(Express Ma	il Filing Und	er 37 CFR	R § 1.10)	
i iilig Dai	<u></u>	uni, 20, 1550	<u> </u>				•	
Enclosed a	are:							
⊠ s		, claims, and ab						
	shee	et(s) of drawing	(s).	.11	aniala Ina			
			tion to Advanced Tec	chnology Mat	eriais, inc.			
	 Specification, claims, and abstract. 2 sheet(s) of drawing(s). An Assignment of the invention to Advanced Technology Materials, Inc. Declaration and power of attorney. A certified copy of a application. A verified statement to establish small entity status under 37 CFR § 1.9 and 37 CFR § 1.27. 							
	A certified copy of a application. A verified statement to establish small entity status under 37 CFR § 1.9 and 37 CFR § 1.27.							
	ther:						·	
CLAIMS	AS FILED) :						
				Small			Other Than a	
r=		Column 1	Column 2	Entity	LEEF	l op l	Small Entity	_
FOR:		NO. FILED	NO. EXTRA	RATE	\$395.00	OR OR	RATE FEE \$790.0	
BASIC I		15 20 =	0*	x \$11 =		<u>OR</u> <u>OR</u>	x \$22 =	~~
INDEP.	CLAIMS	15 - 20 =	0*	$\frac{x}{x} = \frac{11}{x} =$		OR OR	x \$82 =	
			AIM PRESENTED	+ \$130 =		OR OR	+ \$270 =	\dashv
* If the di	fference in C	olumn 1 is less t			<u> </u>	ا حد		
enter "C	" in Column	2.		Total			Total	
		Fee for record	ding the assignment=		\$40.00		\$40.0	<u> </u>
			TOTAL=	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
⊠ A tl	A check in th he assignme	e amount of \$4 nt is enclosed.	35.00 (check number	4735) to	cover t	he filing fee and fee for	recording
⊠ T	The Commis	sioner is hereby	authorized to charge to Deposit Account l	e any deficiend No. <u>08-3284.</u>	y or credit A duplicat	any exc e copy o	ess payment in connect of this sheet is enclosed	tion with
	,	\cap l =	•		-			
	- 1					_		
	V	\			Date:	23 J	anuary 1998	3
Steven J. I	Hultquist, Re	g. No. 28021					_	-
	CTUAL PR	OPERTY/TECI	HNOLOGY LAW					

P.O. BOX 14329
Research Triangle Park, NC 27709
Telephone: (919) 419-9350
Facsimile: (919) 419-9354





VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37.CFR 1.9(f) & 1.27(c)) -- SMALL BUSINESS CONCERN

Dooket No. 2771-221

Applicant:	Advanced Technology Materials, Inc.						
Applicant. Title:	"Tantalum Amide Precursors for Deposition of Tantalum Nitrace on a Supervate						
Filing Date:	GYDDESS MAIL FILING UNDER 37 CKR 1.10)						
J hereb	by declare that I am: the owner of the small business concern identified below: an official of the small business concern empowered to act on behalf of the concern identified below: an official of the small business concern empowered to act on behalf of the concern identified below: Advanced Technology Materials, Inc. 7 Commerce Drive Danbury, Connecticut 06810						
I here 13 CFR 121.12 Trademark Off persons. For pr fiscal year of the of the fiscal year power to contra	by declare that the above identified small business concern qualifies as a small business concern as defined in 2, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and 2, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and if it is a the average of the concern, including those of its affiliates, does not exceed 500 purposes of this statement. (1) the number of employees of the business concern is the average over the previous the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods the concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the roll the other, or a third party or parties controls or has the power to control both.						
identified about that no rights inventor under business conditions.	The specification filed herewith with title as listed above. Application Serial No						
invention average invention average in a contillement of the conti	No such person, concern or organization is listed below: Each such person, concern or organization is listed below: Earate verified statements are required from each named person, concern or organization having rights to the verifing to their status as small entities (37 CFR 1.27). Exhowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of the small entity status prior to paying, or at any time of paying, the earliest of the issue fee or any maintenance fee date on which status as a small entity is no longer appropriate (37 CFR 1.28(b). Creby declare that all statements made herein of my own knowledge are true and that all statements made on end belief are believed to be true; and further that these statements were made with the knowledge that willful and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the est Code, and that such willful felse statements may jeopardize the validity of the application, any patent issuing any patent to which this verified statement is directed. AME OF PERSON SIGNING Ward C. Stavens 7 Commerce Drive, Danbury, CT 06810 DATE						